

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012157.D
 Acq On : 11 Jan 2023 12:51
 Operator : KP/MD
 Sample : 01061-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-6

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Title : SW846 8260

Signal : TIC: VY012157.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.077	37	42	43	rBV3	649	720	1.75%	0.140%
2	2.125	43	50	52	rBV8	3383	7958	19.30%	1.544%
3	2.290	75	77	79	rBV3	590	536	1.30%	0.104%
4	2.369	88	90	91	rBV2	600	435	1.05%	0.084%
5	2.473	105	107	110	rBV4	466	548	1.33%	0.106%
6	2.510	112	113	120	rVB6	1306	2046	4.96%	0.397%
7	2.613	128	130	134	rVB3	941	1156	2.80%	0.224%
8	2.644	134	135	145	rVB5	1918	3856	9.35%	0.748%
9	2.747	150	152	155	rVB2	539	660	1.60%	0.128%
10	2.784	155	158	160	rBV4	333	447	1.08%	0.087%
11	2.930	179	182	184	rVB3	421	435	1.05%	0.084%
12	3.948	339	349	360	rBV	7166	20623	50.01%	4.002%
13	4.101	371	374	380	rVB2	357	704	1.71%	0.137%
14	4.186	383	388	389	rBV2	574	891	2.16%	0.173%
15	4.710	469	474	475	rBV3	1002	1138	2.76%	0.221%
16	6.966	836	844	854	rBV3	2458	7649	18.55%	1.484%
17	7.503	926	932	939	rVB4	1047	2393	5.80%	0.464%
18	7.716	960	967	972	rBV2	1957	4273	10.36%	0.829%
19	7.795	972	980	985	rVB2	2818	6429	15.59%	1.247%
20	8.143	1030	1037	1045	rBV4	3414	8165	19.80%	1.584%
21	8.691	1120	1127	1133	rBV	5493	10263	24.89%	1.991%
22	9.191	1206	1209	1212	rVB3	472	702	1.70%	0.136%
23	9.301	1222	1227	1231	rBV2	420	570	1.38%	0.111%
24	9.588	1271	1274	1276	rVV3	383	478	1.16%	0.093%
25	9.624	1276	1280	1281	rVV3	514	642	1.56%	0.125%
26	9.777	1301	1305	1306	rBV3	589	770	1.87%	0.149%
27	9.807	1306	1310	1311	rVV3	435	693	1.68%	0.134%
28	9.831	1311	1314	1316	rVB3	578	716	1.74%	0.139%
29	9.905	1323	1326	1329	rBV5	718	1157	2.81%	0.225%
30	9.984	1337	1339	1343	rVB5	612	753	1.83%	0.146%
31	10.063	1347	1352	1353	rBV4	857	1374	3.33%	0.267%
32	10.179	1365	1371	1376	rBV	10277	18247	44.25%	3.541%
33	10.240	1378	1381	1385	rVV3	3228	4881	11.84%	0.947%
34	10.587	1433	1438	1440	rBV5	904	1617	3.92%	0.314%
35	10.636	1443	1446	1449	rVB4	1175	1441	3.49%	0.280%
36	10.661	1449	1450	1453	rBV3	607	681	1.65%	0.132%

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37	10.703	1456	1457	1459	rVB2	1154	663	1.61%	0.129%
38	10.764	1465	1467	1469	rBV2	744	474	1.15%	0.092%
39	10.825	1475	1477	1479	rBV3	508	478	1.16%	0.093%
40	10.904	1487	1490	1492	rBV4	734	1010	2.45%	0.196%
41	11.002	1504	1506	1508	rVB3	603	421	1.02%	0.082%
42	11.081	1517	1519	1524	rBV6	843	1322	3.21%	0.257%
43	11.288	1548	1553	1554	rBV5	2163	2742	6.65%	0.532%
44	11.362	1564	1565	1568	rBV3	1172	1401	3.40%	0.272%
45	11.496	1580	1587	1597	rVV	11611	21229	51.48%	4.119%
46	11.599	1600	1604	1607	rVB6	2121	3318	8.05%	0.644%
47	11.703	1615	1621	1628	rBV2	7794	16354	39.66%	3.173%
48	11.776	1631	1633	1636	rBV4	639	887	2.15%	0.172%
49	11.862	1645	1647	1648	rBV2	1267	905	2.19%	0.176%
50	12.026	1671	1674	1681	rBV2	5399	8785	21.30%	1.705%
51	12.099	1684	1686	1687	rBV2	1250	1034	2.51%	0.201%
52	12.118	1687	1689	1692	rBV4	1881	2802	6.79%	0.544%
53	12.319	1719	1722	1724	rBV4	1943	2546	6.17%	0.494%
54	12.483	1745	1749	1758	rVB4	11652	22125	53.65%	4.293%
55	12.593	1762	1767	1768	rBV4	1615	2606	6.32%	0.506%
56	12.672	1770	1780	1782	rBV8	9294	26844	65.10%	5.209%
57	12.806	1799	1802	1808	rVB7	6226	10426	25.28%	2.023%
58	12.910	1816	1819	1822	rBV5	2192	3895	9.45%	0.756%
59	13.117	1849	1853	1860	rBV	8063	14834	35.97%	2.878%
60	13.233	1867	1872	1881	rVB8	9439	16003	38.81%	3.105%
61	13.337	1883	1889	1893	rBV	23136	41238	100.00%	8.002%
62	13.428	1899	1904	1913	rVB2	15430	30020	72.80%	5.825%
63	13.532	1917	1921	1925	rVB	7093	10214	24.77%	1.982%
64	13.587	1927	1930	1934	rBV2	6127	8441	20.47%	1.638%
65	13.751	1953	1957	1962	rBV5	7608	13774	33.40%	2.673%
66	13.879	1973	1978	1982	rBV6	6840	11782	28.57%	2.286%
67	13.922	1982	1985	1987	rVV3	3108	4177	10.13%	0.810%
68	14.087	2007	2012	2015	rBV6	3417	6039	14.64%	1.172%
69	14.129	2015	2019	2023	rVV7	4086	9190	22.29%	1.783%
70	14.178	2025	2027	2032	rVB5	5469	8757	21.24%	1.699%
71	14.428	2065	2068	2072	rBV6	3854	6652	16.13%	1.291%
72	14.568	2087	2091	2095	rBV7	2762	5118	12.41%	0.993%
73	14.605	2095	2097	2101	rVB4	5561	7724	18.73%	1.499%
74	14.678	2104	2109	2114	rBV6	5394	11298	27.40%	2.192%
75	14.733	2116	2118	2130	rVB6	4952	9073	22.00%	1.760%
76	14.830	2131	2134	2136	rBV4	2104	2471	5.99%	0.479%

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77	15.050	2163	2170	2177	rBV6	10051	27050	65.59%	5.249%
78	15.349	2217	2219	2225	rVB7	1465	1868	4.53%	0.362%
79	15.428	2230	2232	2236	rVB5	2230	2789	6.76%	0.541%
80	15.507	2243	2245	2246	rBV2	1094	649	1.57%	0.126%
81	15.611	2257	2262	2268	rBV8	3234	6853	16.62%	1.330%
82	15.721	2278	2280	2281	rBV2	1379	1173	2.84%	0.228%
83	15.861	2302	2303	2305	rBV2	1018	854	2.07%	0.166%
84	16.092	2340	2341	2342	rBV	795	552	1.34%	0.107%
85	16.172	2350	2354	2357	rBV6	2154	3614	8.76%	0.701%
86	16.355	2382	2384	2389	rVB5	700	957	2.32%	0.186%
87	16.470	2401	2403	2405	rBV3	867	1092	2.65%	0.212%
88	16.586	2418	2422	2423	rBV4	1140	1368	3.32%	0.265%
89	16.605	2423	2425	2426	rVB2	715	549	1.33%	0.107%
90	16.666	2433	2435	2437	rVB3	1166	880	2.13%	0.171%

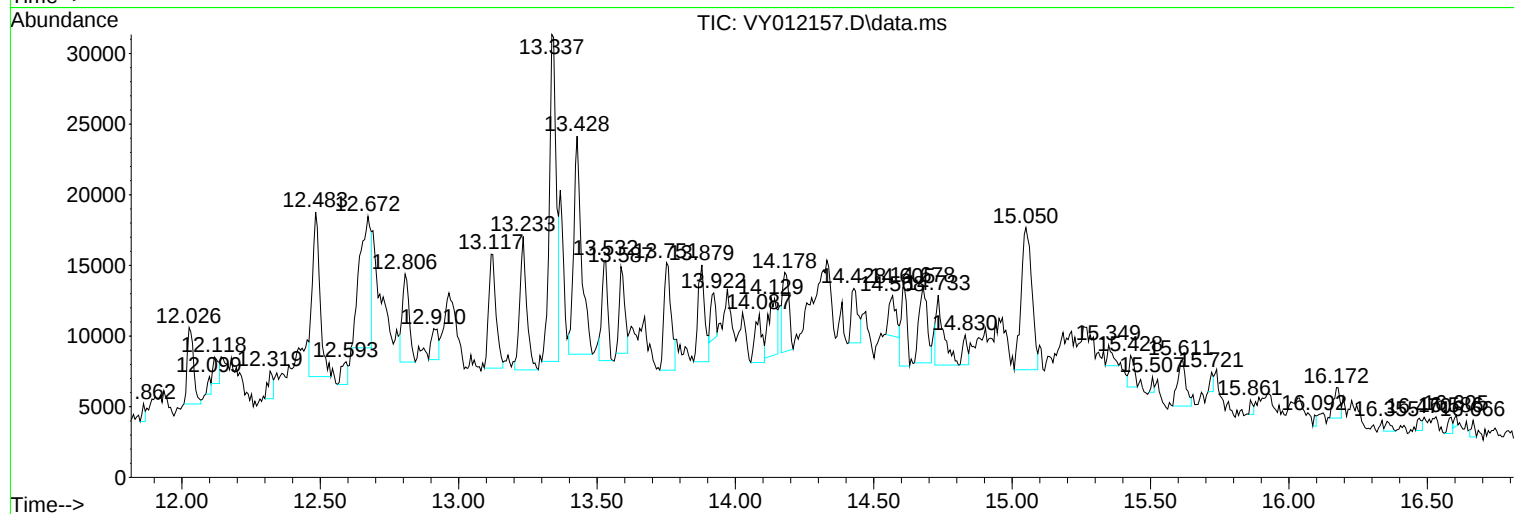
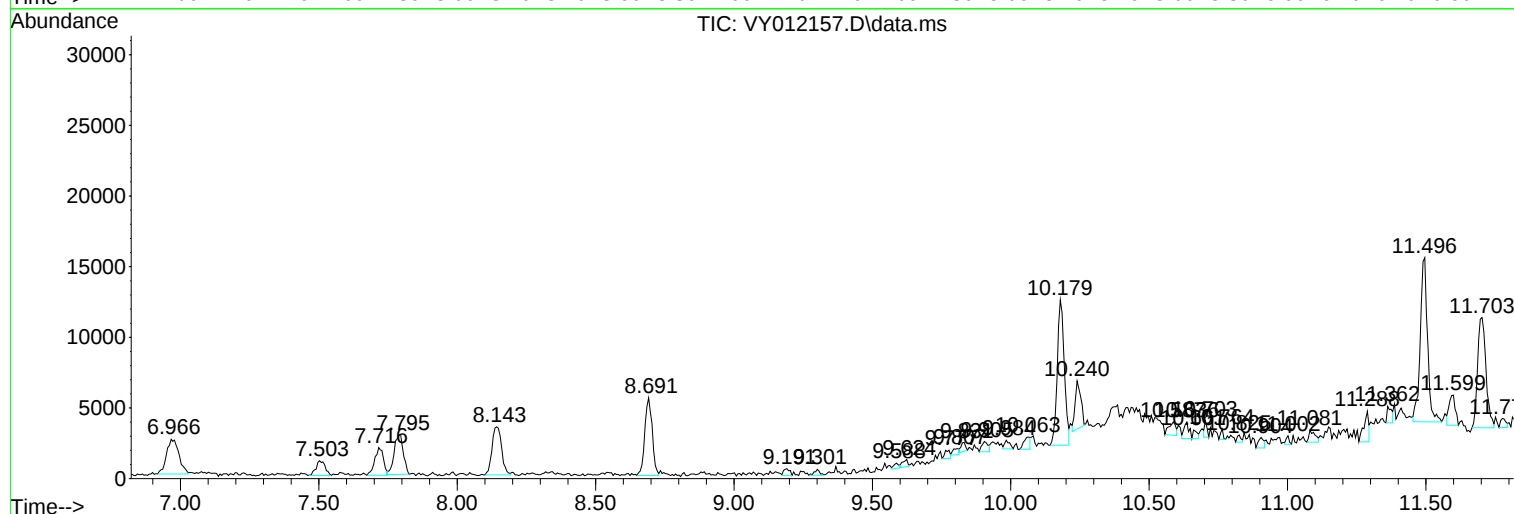
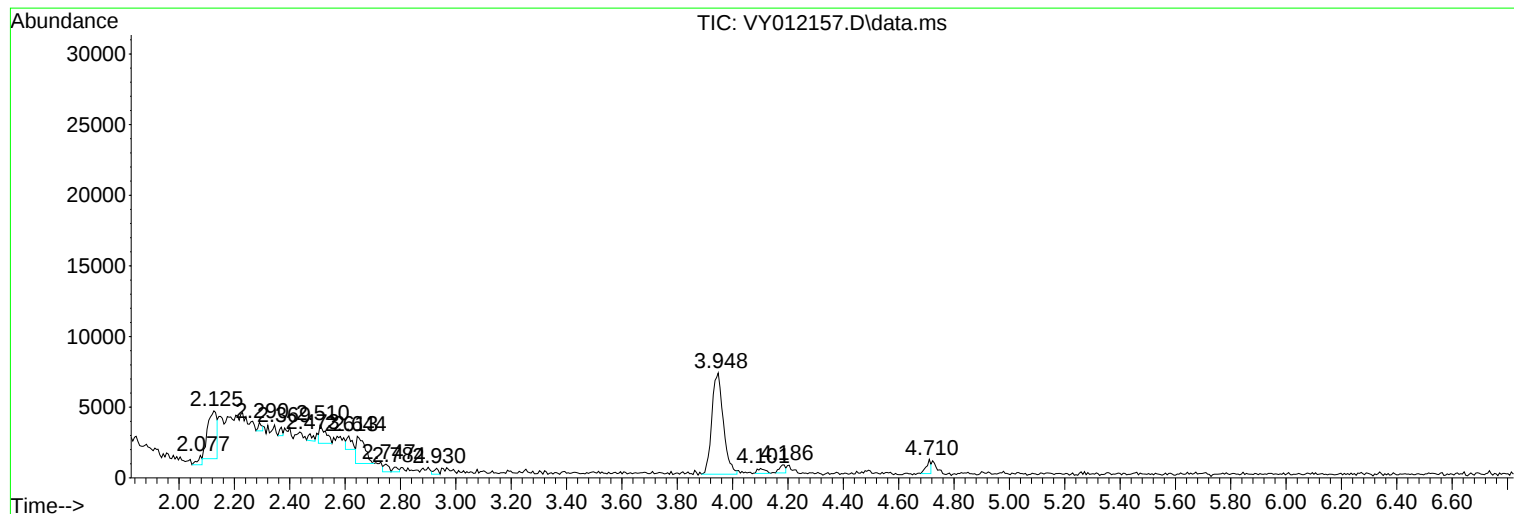
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Instrument :
MSVOA_Y
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SLUDGE-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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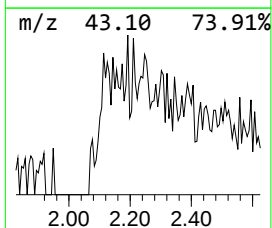
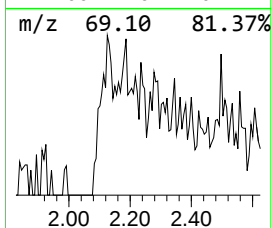
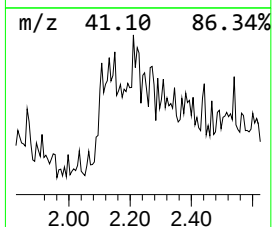
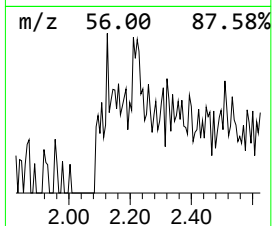
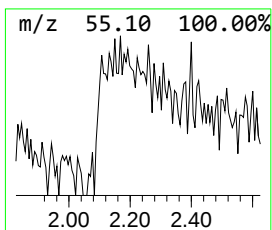
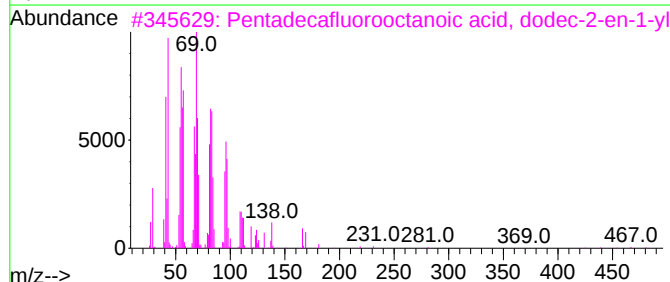
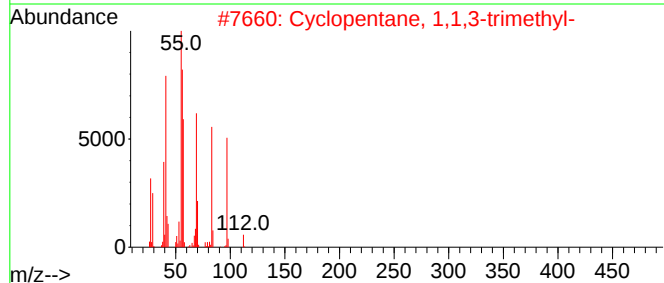
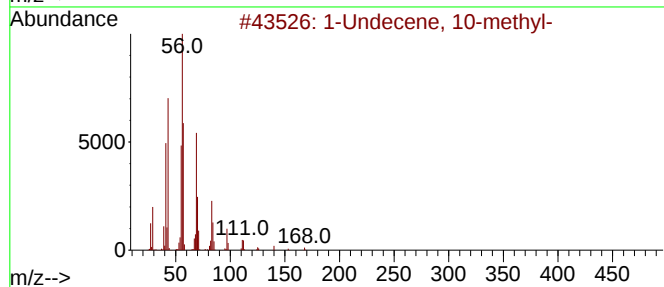
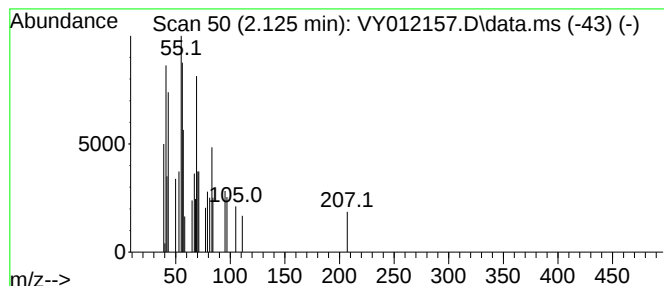
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Undecene, 10-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.125	61.89 ug/l	7958	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 10-methyl-			168	C12H24	022370-55-4	59
2	Cyclopentane, 1,1,3-trimethyl-			112	C8H16	004516-69-2	53
3	Pentadecafluorooctanoic acid, do...			580	C20H23F15O2	1000406-81-3	52
4	3-Heptafluorobutyroxytridecane			396	C17H27F7O2	1000245-49-5	52
5	4-Heptafluorobutyroxytetradecane			410	C18H29F7O2	1000245-49-9	52



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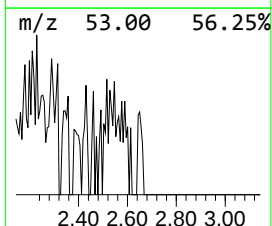
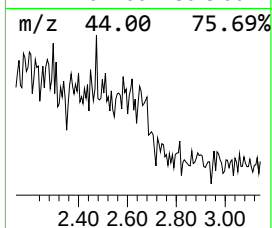
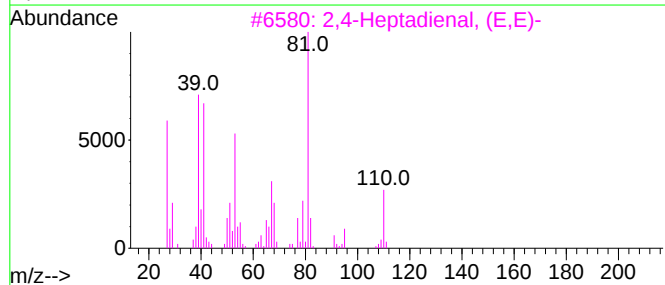
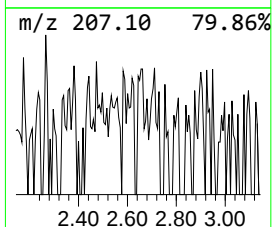
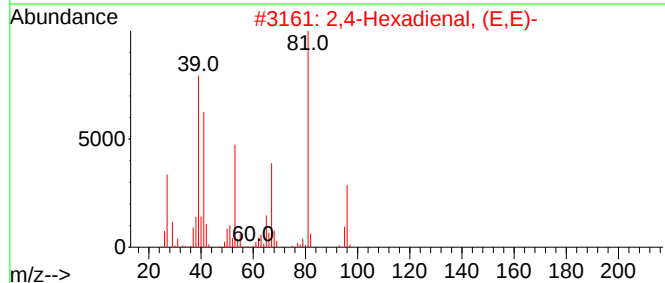
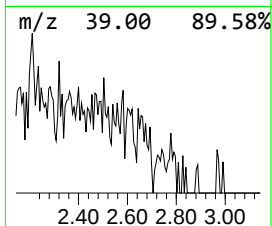
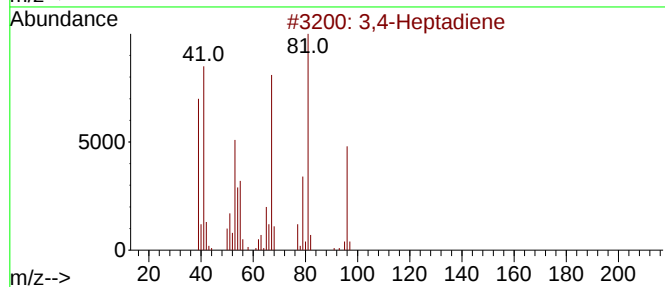
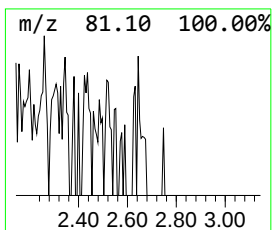
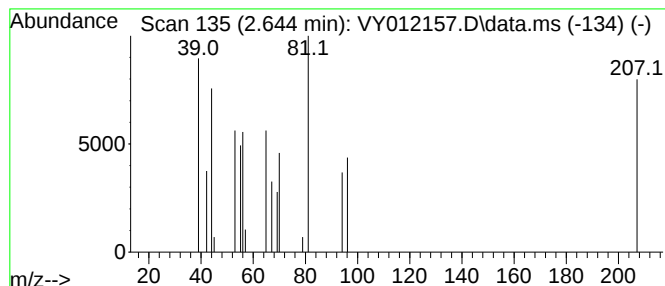
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown2.644 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.644	29.99 ug/l	3856	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Heptadiene			96	C7H12	002454-31-1	38
2	2,4-Hexadienal, (E,E)-			96	C6H8O	000142-83-6	37
3	2,4-Heptadienal, (E,E)-			110	C7H10O	004313-03-5	25
4	1,2-Dipropylcyclopropene			124	C9H16	010306-92-0	25
5	2,5-Heptadiene, (E,E)-			96	C7H12	039619-60-8	14



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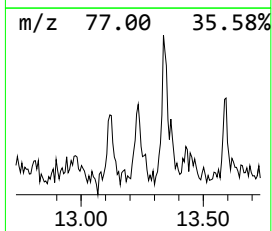
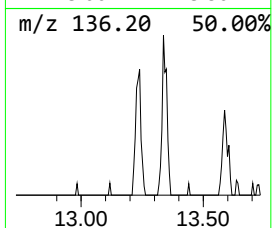
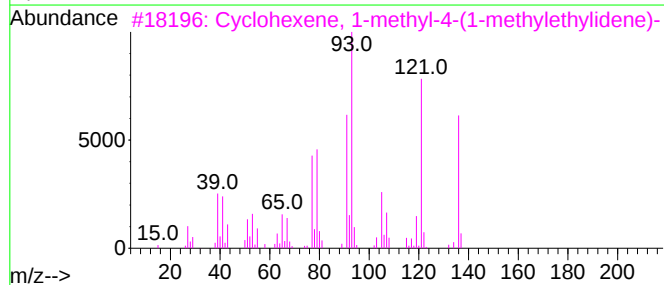
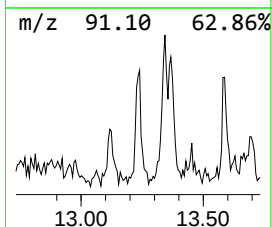
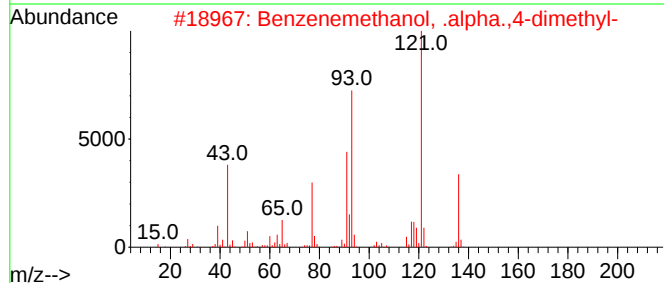
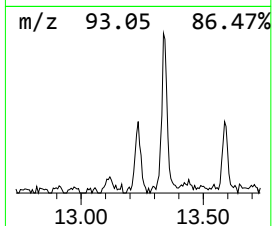
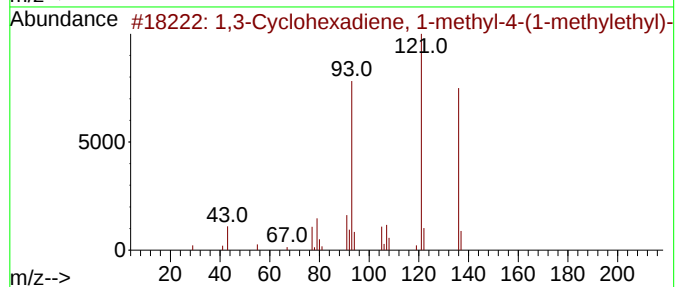
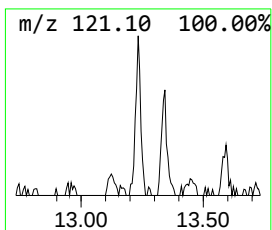
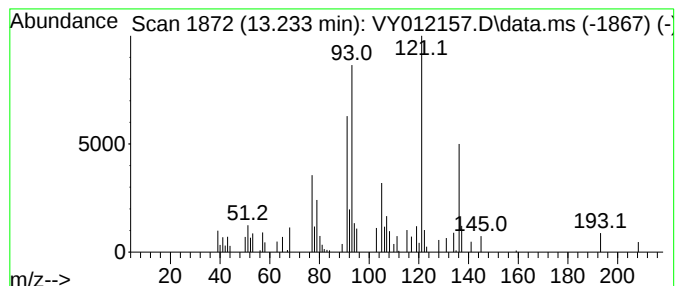
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,3-Cyclohexadiene, 1-methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	26.65 ug/l	16003	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	90
2			Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	90
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	90
4			Methyl m-tolyl carbinol	136	C9H12O	1010342-29-9	90
5			Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012157.D
Acq On : 11 Jan 2023 12:51
Operator : KP/MD
Sample : 01061-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

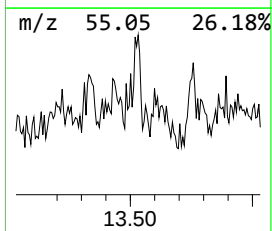
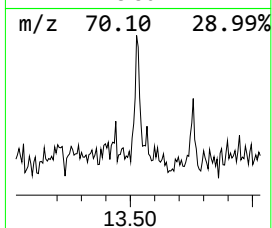
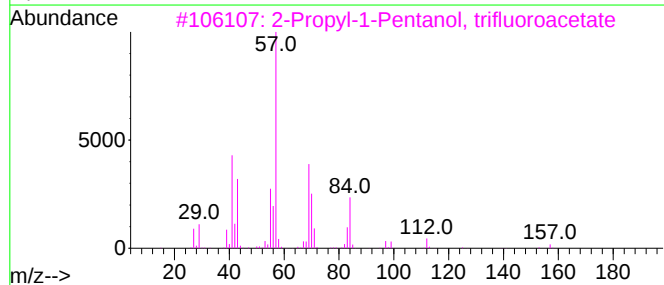
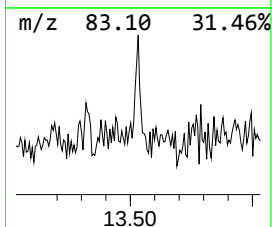
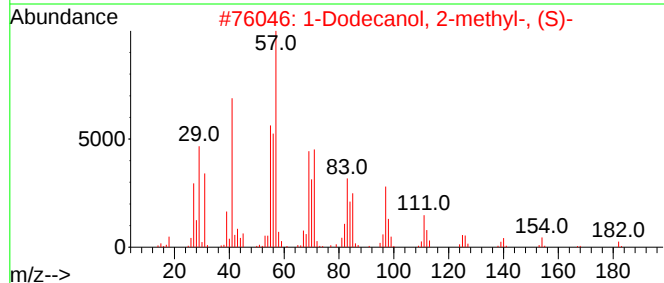
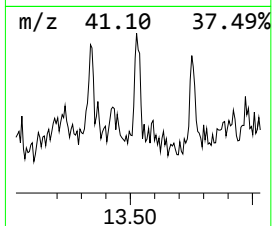
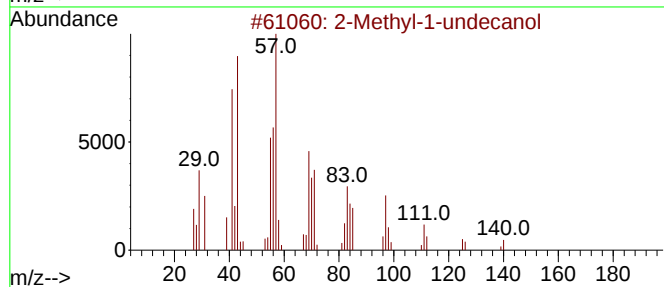
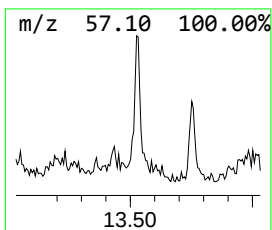
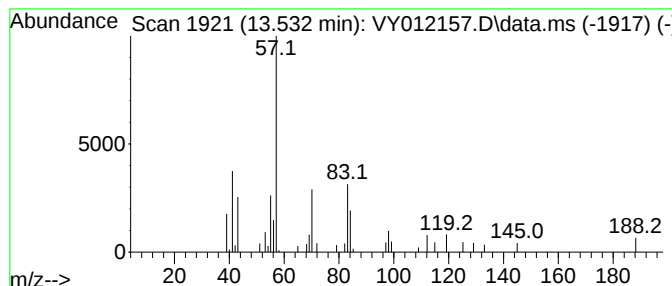
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Methyl-1-undecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.532	17.01 ug/l	10214	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyl-1-undecanol	186	C12H26O	010522-26-6	50
2			1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	50
3			2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	43
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	42
5			Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012157.D
Acq On : 11 Jan 2023 12:51
Operator : KP/MD
Sample : 01061-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

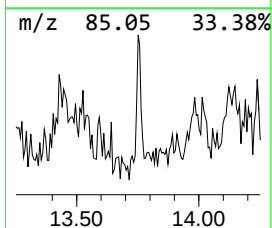
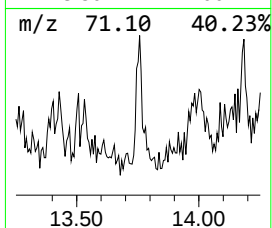
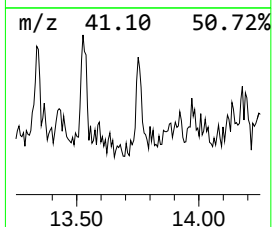
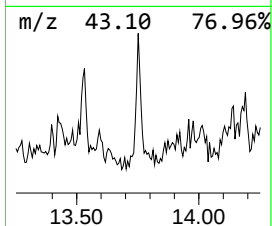
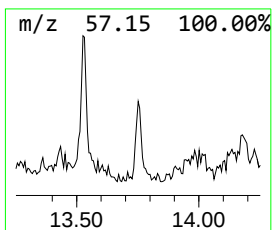
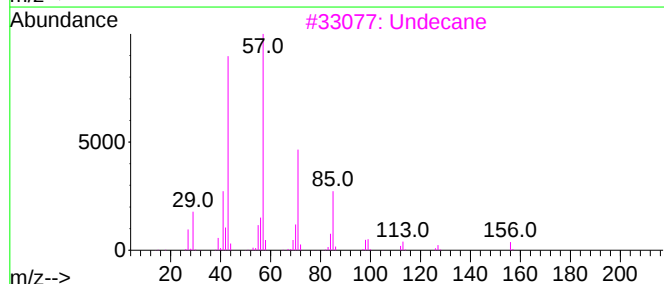
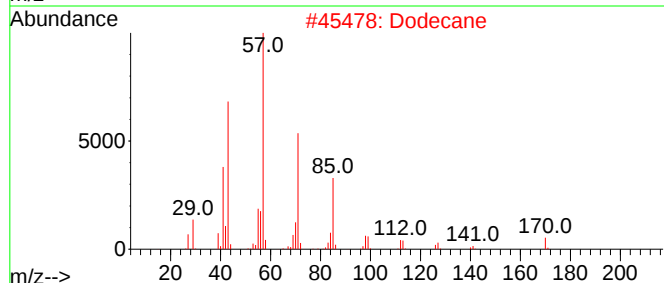
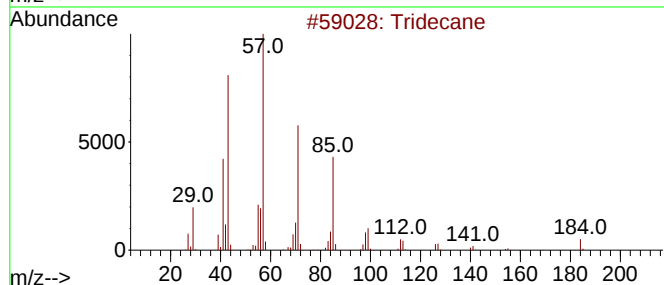
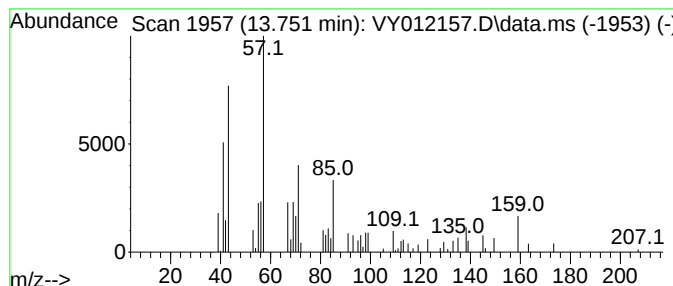
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown13.751 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	22.94 ug/l	13774	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	49
2			Dodecane	170	C12H26	000112-40-3	47
3			Undecane	156	C11H24	001120-21-4	43
4			Octane	114	C8H18	000111-65-9	43
5			Hexatriacontane	507	C36H74	000630-06-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012157.D
Acq On : 11 Jan 2023 12:51
Operator : KP/MD
Sample : 01061-03
Misc : 5.07g/5.0mL/MSVOA_Y/soil
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

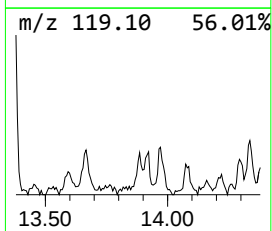
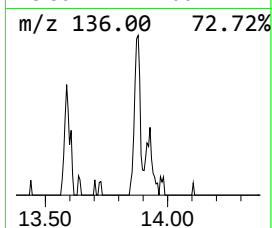
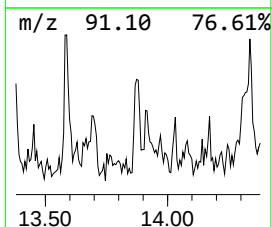
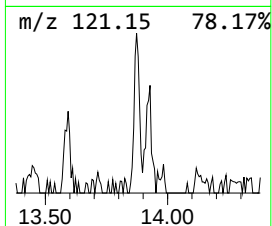
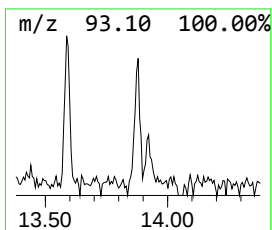
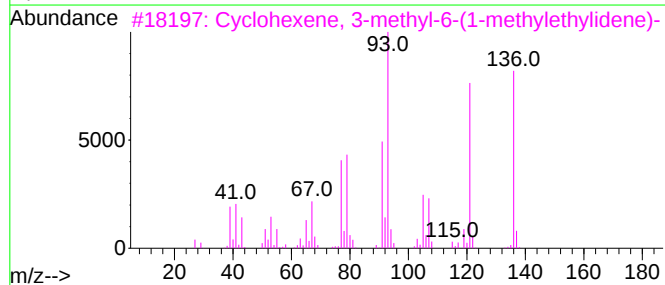
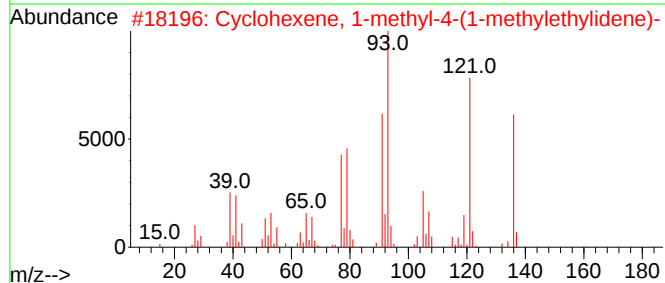
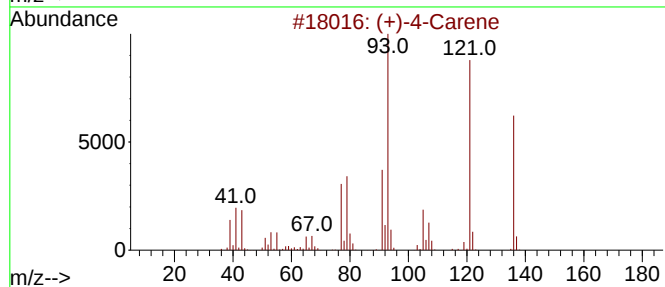
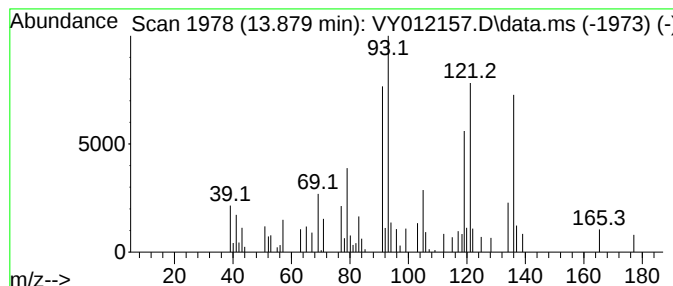
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (+)-4-Carene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	19.62 ug/l	11782	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-4-Carene			136	C10H16	029050-33-7	76
2	Cyclohexene, 1-methyl-4-(1-methy...			136	C10H16	000586-62-9	74
3	Cyclohexene, 3-methyl-6-(1-methy...			136	C10H16	000586-63-0	68
4	Bicyclo[2.2.1]heptane, 7,7-dimet...			136	C10H16	000471-84-1	64
5	Cyclohexene, 1-methyl-3-(1-methy...			136	C10H16	000499-03-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012157.D
Acq On : 11 Jan 2023 12:51
Operator : KP/MD
Sample : 01061-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

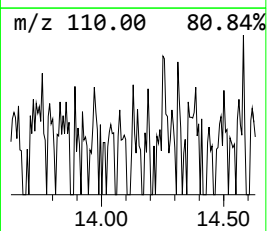
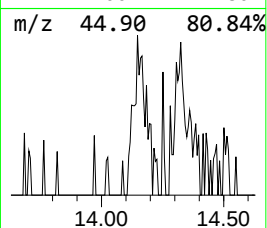
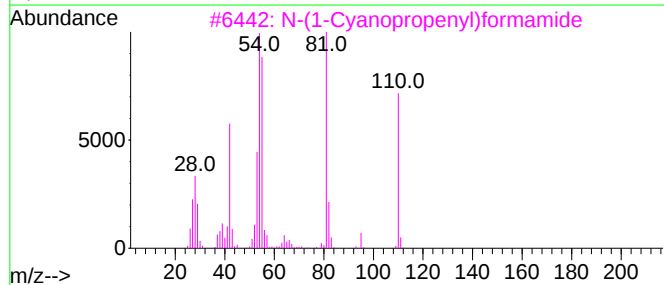
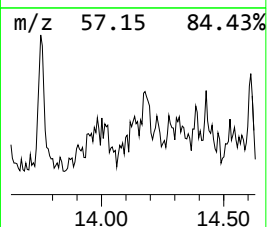
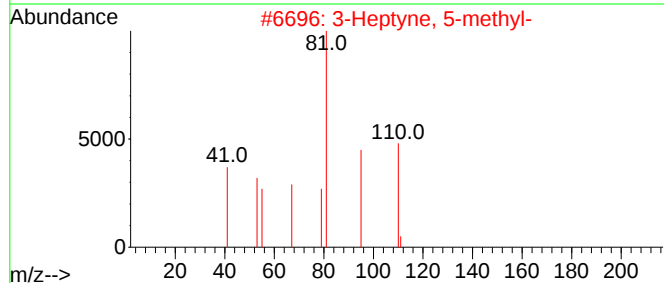
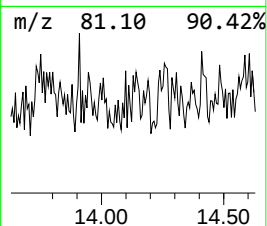
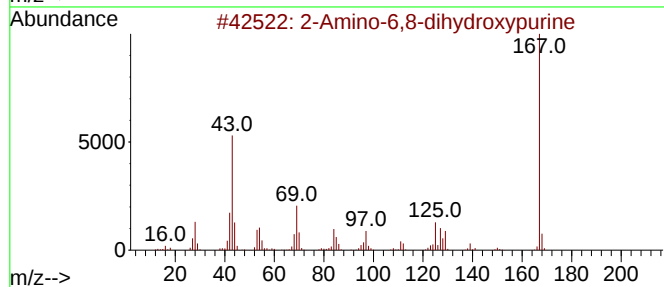
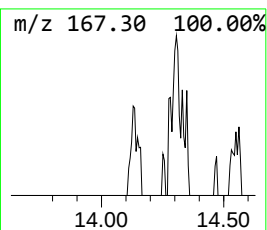
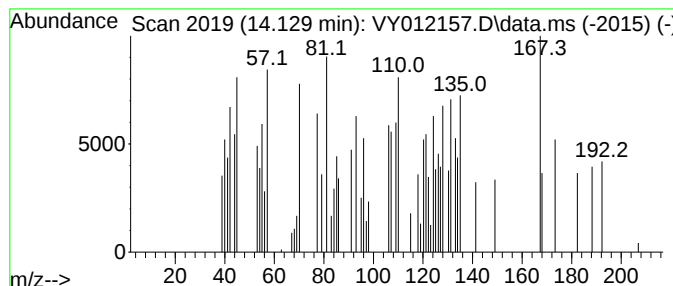
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown14.129 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.129	15.31 ug/l	9190	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Amino-6,8-dihydroxypurine	167	C5H5N5O2	005614-64-2	30
2			3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	30
3			N-(1-Cyanopropenyl)formamide	110	C5H6N2O	1000191-15-7	27
4			2-Aminopurine	135	C5H5N5	000452-06-2	22
5			2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012157.D
Acq On : 11 Jan 2023 12:51
Operator : KP/MD
Sample : 01061-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

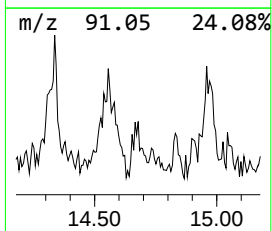
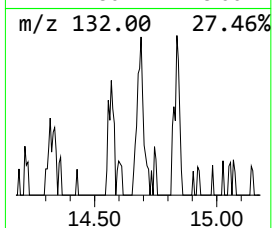
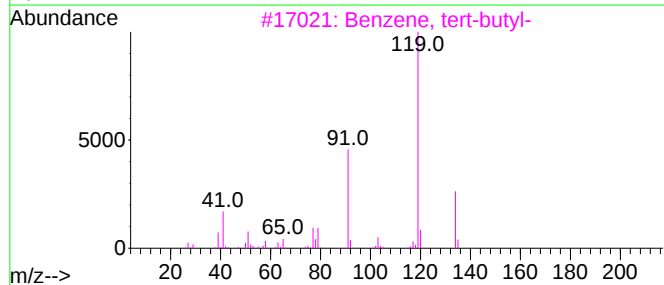
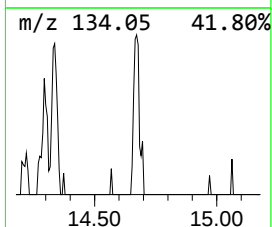
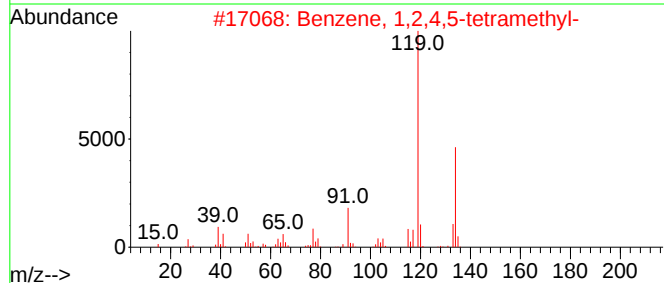
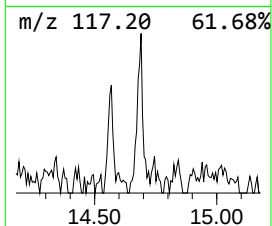
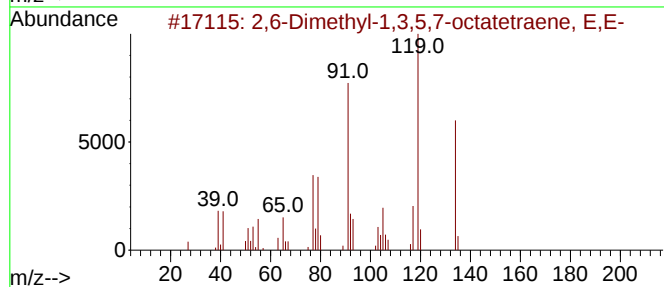
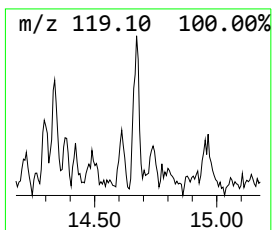
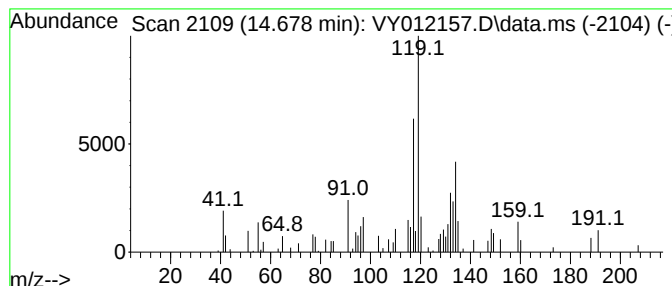
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown14.678 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	18.82 ug/l	11298	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	46		
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46		
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	43		
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	43		
5	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	43		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012157.D
Acq On : 11 Jan 2023 12:51
Operator : KP/MD
Sample : 01061-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

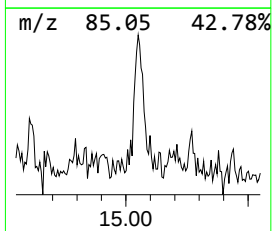
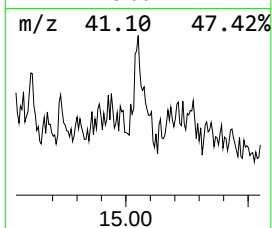
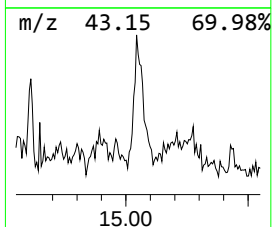
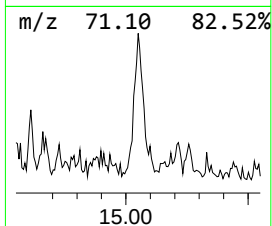
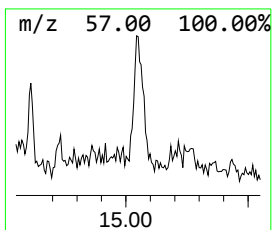
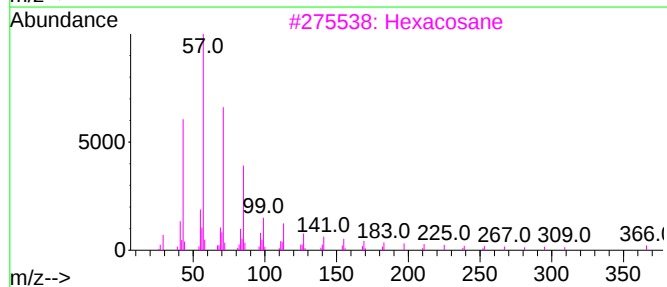
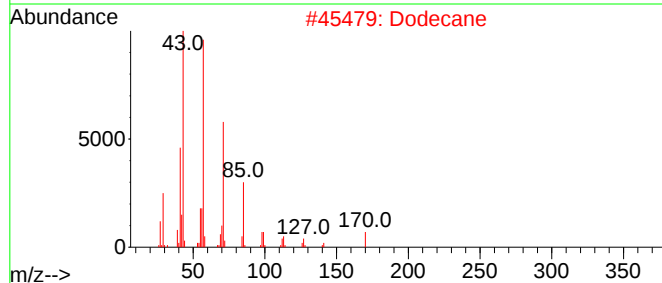
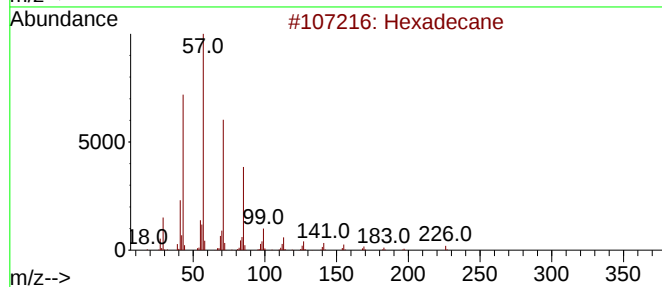
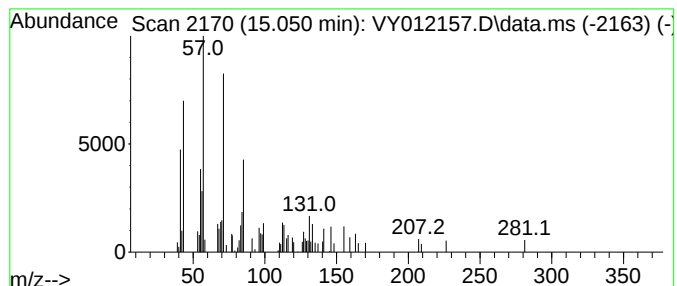
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	45.05 ug/l	27050	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	76
2		Dodecane	170	C12H26	000112-40-3	70
3		Hexacosane	366	C26H54	000630-01-3	64
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	64
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012157.D
Acq On : 11 Jan 2023 12:51
Operator : KP/MD
Sample : 01061-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown2.644	2.644	30.0	ug/l	3856	1	7.789	6429	50.0
1,3-Cyclohexadi...	13.233	26.6	ug/l	16003	4	13.428	30020	50.0
2-Methyl-1-unde...	13.532	17.0	ug/l	10214	4	13.428	30020	50.0
unknown13.751	13.751	22.9	ug/l	13774	4	13.428	30020	50.0
(+)-4-Carene	13.879	19.6	ug/l	11782	4	13.428	30020	50.0
unknown14.129	14.129	15.3	ug/l	9190	4	13.428	30020	50.0
unknown14.678	14.678	18.8	ug/l	11298	4	13.428	30020	50.0
Hexadecane	15.050	45.0	ug/l	27050	4	13.428	30020	50.0